

Antonio Colón

apcolon@umich.edu • 786-962-2247 • linkedin.com/in/apcolon/

EDUCATION

University of Michigan

Ann Arbor, MI

Bachelor of Science in Computer Science, Minor in Mathematics

May 2026

Coursework: Data Structures & Algorithms, Intro to Security, Web Systems, Computer Architecture

Extracurriculars: Team Captain – Club and Varsity Soccer, Michigan Student AI Lab, Michigan Rock Climbing Club

WORK EXPERIENCE

International Finance Bank (IFB)

Miami, FL

Cybersecurity Intern

Jul. 2024 – Aug. 2024

- Led the execution of multiple phishing simulation tests, resulting in comprehensive reports that significantly bolstered the bank's cybersecurity posture
- Pioneered the integration of Business Impact Analysis (BIA) data into a new SaaS platform, streamlining data storage and accessibility for the bank
- Spearheaded the successful trademarking of the company's new logo to reinforce brand integrity and enhance cybersecurity defenses against phishing, impersonation, and fraudulent accounts.

International Finance Bank (IFB)

Miami, FL

Software Engineering Intern

Jul. 2023 – Aug. 2023

- Conducted a thorough analysis of the SQL database structure, identifying key areas for optimization and implementing recommended changes that resulted in an improvement in query performance.
- Accomplished the creation of a company-wide Power BI dashboard, improving data reporting across the organization, and further improving relationships with clients.
- Demonstrated excellent problem-solving and communication skills, which led to recognition and positive feedback from both colleagues and supervisors.

PROJECT EXPERIENCE

NOMAD

Jun. 2025 - Present

Co-Founder

- Co-Founded NOMAD, a travel app focused on simplifying travel discovery and planning.
- Utilized React Native with a Django backend and PostgreSQL, to implement core app features such as user authentication, profiles, posts, and social interactions.

MODUS AI

Feb. 2026

- Built Modus AI, a grounded LLM-based tutoring system for university courses, ingesting lecture transcripts and resources to deliver citation-backed answers with timestamp linking; implemented retrieval + filtering to prevent hallucinations and designed dual interaction paradigms (chat vs search) to optimize learning outcomes through user experiments

Paco's Puppy Problem

Apr. 2026

- Built and optimized deep learning pipelines in PyTorch for large-scale image classification (~8.8K images), implementing CNNs, transfer learning, and Vision Transformers; drove performance gains through architecture design, representation learning, and systematic hyperparameter tuning with AUROC-based evaluation

CartWise

Jan. 2026 – Present

Founder

- Built CartWise, a full-stack system that transforms recipes into one-click shopping carts by structuring ingredients and mapping them to retailer SKUs; integrated with Walmart APIs to enable automated cart creation

SKILLS

Technical Skills: C++, C, Python, Java, SQL, HTML, PyTorch, CNNs, Vision Transformers (ViT), Transfer Learning,

Languages: Fluent in Spanish and English